

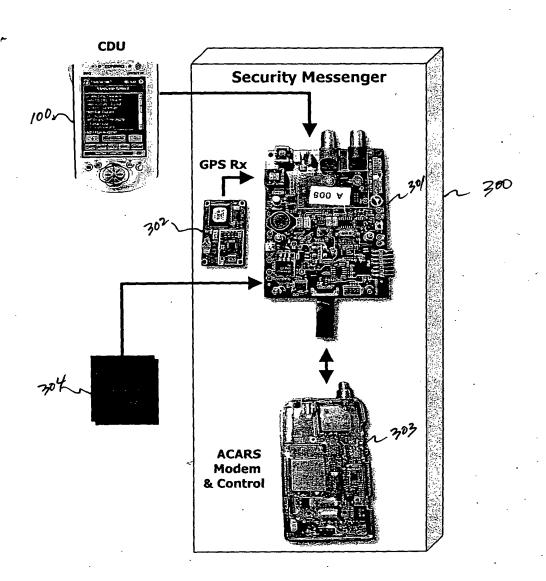
- Near real-time data link ACARS network
- Send & receive ACARS messages
- o other FAMs
- communications over existing
- o to and from pilot

o ground

- Voice communication
- with the pilot
- o other FAMs
- anyone on the ground
- Wireless communication VoIP

- Display streaming video
- Select still frame images to ground
- Interface with onboard peripheral device
- Communicate using cell phone Technology when not airborne
- Provides e-mail & SMS data message capability

MG, 2

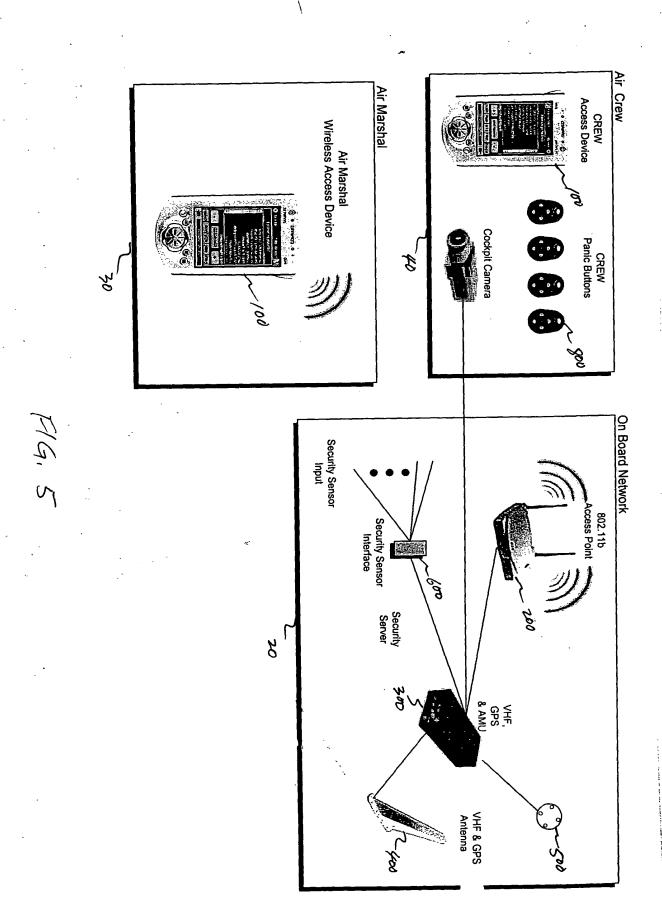


F16, 3

Voice Network

VHF & GPS Antenna

FIG. 4



Conferencing Live TV Voice E-Mail WWW Video Passenger Scheduling
Cabin Inventory
Reservations
Passenger Data Base Gate Assignments e-Mail Crew Cabin Aircraft Performance Diagnostics Live Maintenance Electronic Log Book Maintenance Docs FOQA RVSM Data GPS Integrity Maintenance Content Applications Weight & Balance
Weather Flight Following
Flight Planner
Flight Scheduling
Custom Clearance Operations Voice Weather D-ATIS \*TWIP GTWS PDC Cockpit Position Reports ATC Messaging ATC 6000 Voice Flight Following - Panic Emergency MSG Video Ground / Physical Security CVR (Voice Recorder) FDR (Black Box) Security 

F/G. 6